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| FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | | | Docket Number: 10873.1936USWO | Application Number: Unknown |
| | | | Applicant: HIRAYAMA, et al. | |
| | | | Filing Date: Herewith | Group Art Unit: Unknown |

| U.S. PATENT DOCUMENTS | | | | | | |
|--|--------------|-----------------|-----------------|-------|----------|----------------------------|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | 4,181,120 | January, 1980 | Kunii, et al. | | | |
| | 5,460,179 | October, 1995 | Okunuki, et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
| | | | | | | YES |
| | 61-118307 | July, 1986 | Japan | | | Partial |
| | 1-42689 | September, 1989 | Japan | | | Partial |
| | 1-293850 | November, 1989 | Japan | | | Abstract |
| | 5-57853 | August, 1993 | Japan | | | Abstract |
| | 5-309092 | November, 1993 | Japan | | | Abstract |
| | 0 749 722 | December, 1996 | EPO | | | |
| | 2001-178727 | July, 2001 | Japan | | | Abstract |
| OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | |
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| EXAMINER | /Vani Gupta/ | DATE CONSIDERED | 06/10/2010 |
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.